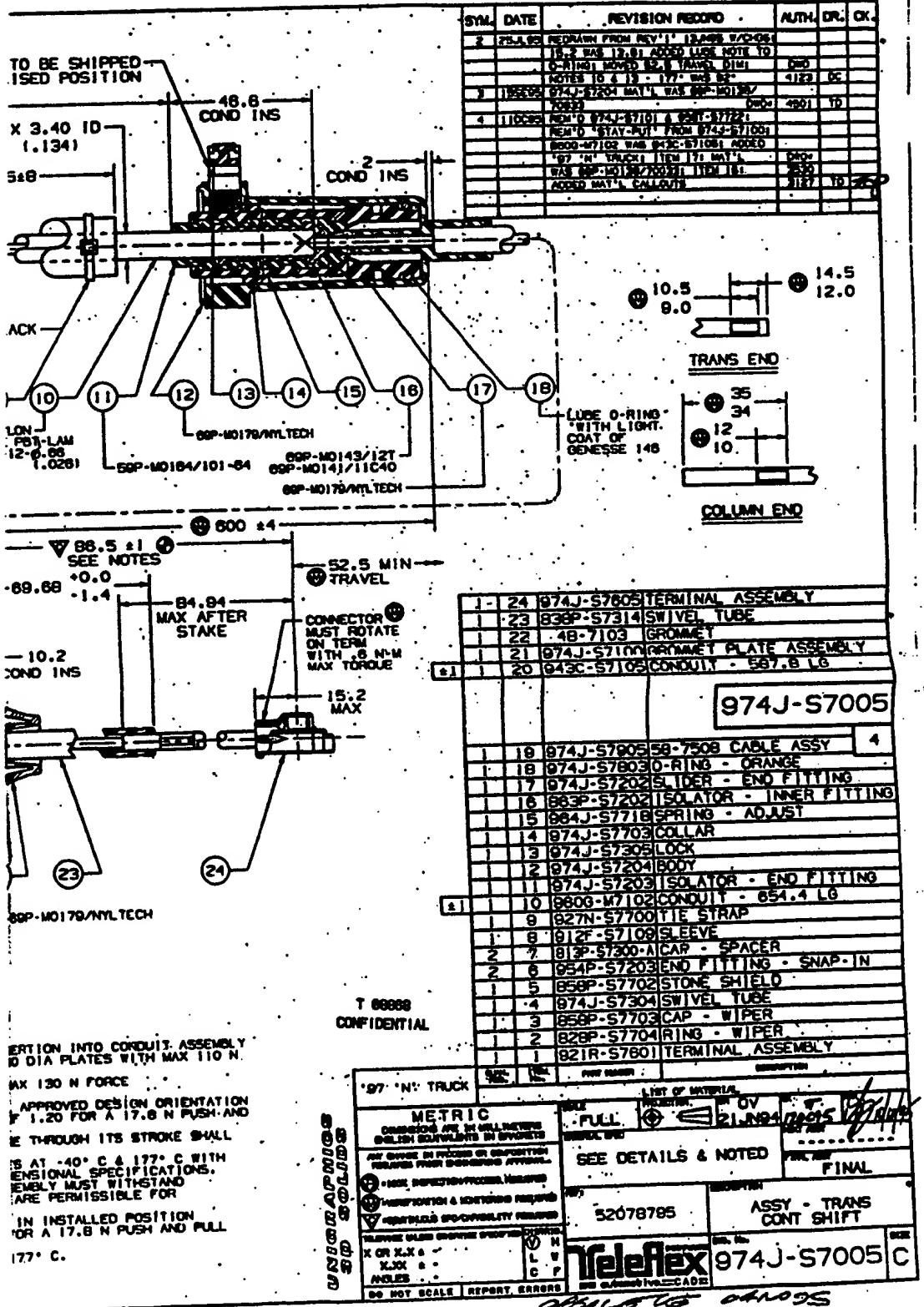
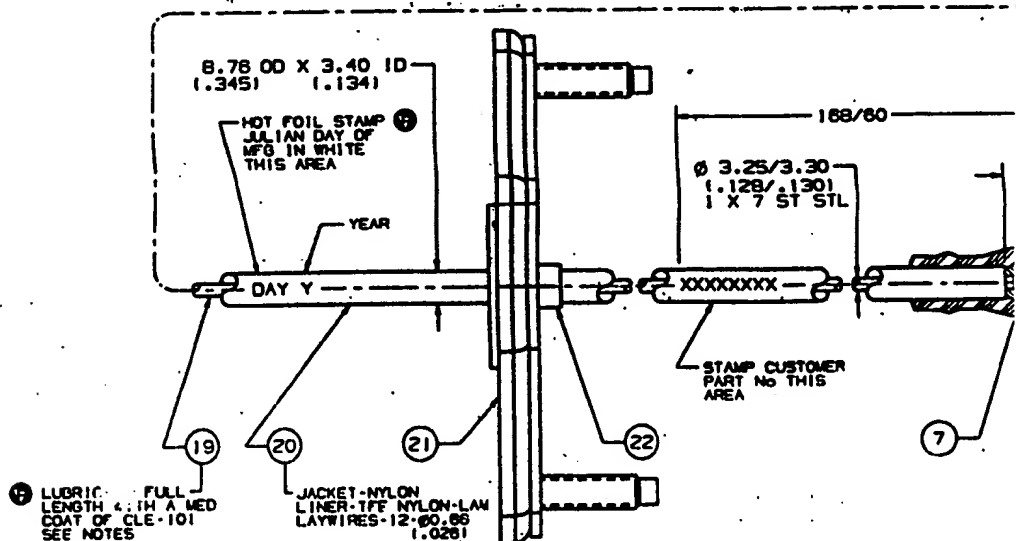
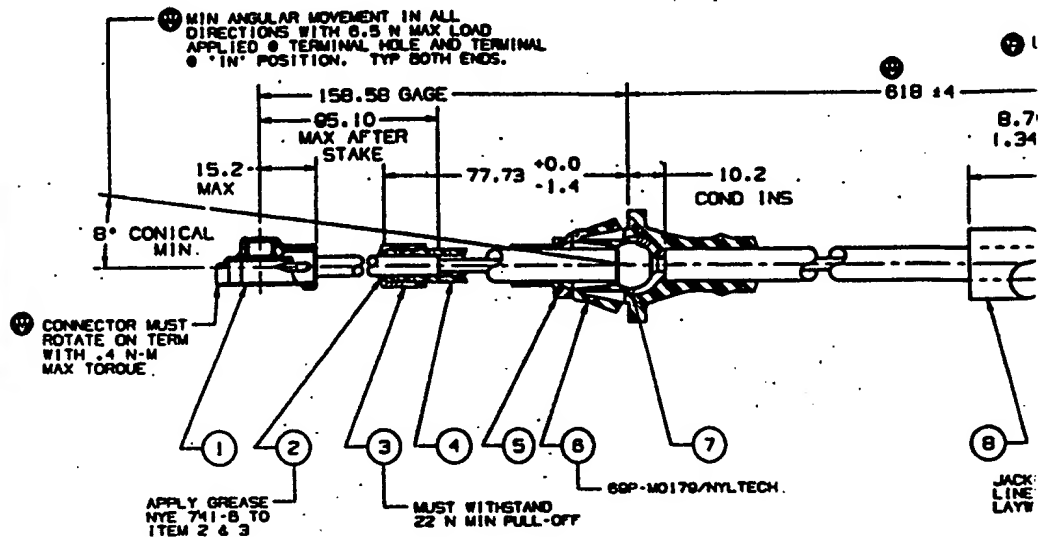


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NOTES:

1. ALL DIMENSIONS NOT TOLERANCED ARE FOR REFERENCE ONLY.
2. PROCESS CONDUIT PER ESDC-7100 BOTH ENDS.
3. CONDUIT & END FITTINGS MUST WITHSTAND 445 N TENSION & COMPRESSION WITHOUT SLIPPING OR CRACKING.
4. TERMINAL & CORE MUST WITHSTAND 690 N PULL WITHOUT SLIPPING, YIELDING, OR CRACKING.
5. CABLE MUST BE CLEAN AND FREE OF DIRT AND OTHER FOREIGN MATERIAL PRIOR TO APPLICATION OF LUBE AND
6. FLOOR/COLUMN END FITTING END FITTING MUST SNAP INTO 2.55/2.20 THK AND APPROPRIATELY KEYS 20.30/
7. FORCE AND WITHSTAND 450 N MIN PULLOUT LOAD.
8. TRANS END FITTING MUST SNAP INTO 2.80/3.20 THK AND APPROPRIATELY KEYS 32.40/32.70 DIA PLATES W/
9. AND WITHSTAND 450 N MINIMUM PULLOUT LOAD.
10. BACKLASH - DIMENSION & TOLERANCE MARKED Ø IS TO BE QUALIFIED @ 133.58 WITH CONTROL ROUTED IN WAY
11. BY ENGINEER, OPPOSITE END GAGED & FIXED AT 111.5. QUALIFICATION SHALL INCLUDE A MAX TOTAL BACKLASH
12. OPERATION EFFORTS - WHEN ROUTED IN INSTALLED POSITION THE FREE STATE EFFORT REQUIRED TO MOVE THE
13. NOT EXCEED 13.3 N AT 22.2° C.
14. FLEXIBILITY - IN INSTALLED ROUTING, ASSEMBLY MUST CYCLE THROUGH MIN SPECIFIED TRAVEL FOR 10,000
15. RATE OF 10 CPM MIN WITH AN OUTPUT LOAD OF 89 N WITHOUT FAILURE OF ANY PHYSICAL PART OR EXCEEDING
16. CONSTRUCTION STRENGTH & INTEGRITY - WHEN ROUTED IN INSTALLED POSITION SHOWN BY CUSTOMER DRAWING
17. A TENSILE LOAD OF 890 N & A COMPRESSIVE LOAD OF 180 N, NO YIELDING, PERMANENT DEFORMATION OR CR
18. EITHER MODE, NOT MORE THAN 3 DEFLECTION IS PERMISSIBLE FOR THE COMPRESSION MODE @ 22.2° C.
19. LIFECYCLE BACKLASH - DIMENSION & TOLERANCE MARKED Ø IS TO BE QUALIFIED @ 133.58 WITH CONTROL RO
20. AND OPPOSITE END GAGED AND FIXED AT 111.5, QUALIFICATION SHALL INCLUDE A MAX TOTAL BACKLASH OF
21. LOAD AT 22.2° C AFTER 50,000 CYCLES.
22. CONTROL MUST OPERATE AND MAINTAIN DIMENSIONAL AND PERFORMANCE CRITERIA FOR A TEMP RANGE 14° -40°
23. 14. CONTROL MUST PASS 200 LB ABISIVE PULL-OUT PEEK LOAD FROM -40°C TO 177°C TEMP
24. WITH NO GAGE LENGTH CHANGE - CONTROL FULLY FUNCTIONAL - 2 SECOND LOAD RAMP UP, 1 SECOND
25. HOLD LOAD, FULL RELEASE 100 CYCLES.